

Title (en)

Hydroentangled fluoropolymer fiber bed for a mist eliminator

Title (de)

Hydroverfetztes Fluoropolymer-Faserbed für Nebelentferner

Title (fr)

Lit à fibres fluoropolymères hydroemmêlées pour séparateur de buée

Publication

**EP 0922477 A1 19990616 (EN)**

Application

**EP 98309377 A 19981116**

Priority

US 98706497 A 19971208

Abstract (en)

A fiber bed (42) for a fiber bed mist eliminator (40) for removing aerosols and colloidal solids from a gaseous stream is provided having at least one non-woven sheet (48) of hydroentangled ethylene/chlorotrifluoroethylene copolymer fibers. <IMAGE>

IPC 1-7

**B01D 39/16**; **D04H 1/46**

IPC 8 full level

**B01D 39/16** (2006.01); **D04H 1/46** (2012.01)

CPC (source: EP US)

**B01D 39/163** (2013.01 - EP US); **D04H 1/4318** (2013.01 - EP US); **D04H 1/492** (2013.01 - EP US)

Citation (search report)

- [X] US 5422159 A 19950606 - FAGAN JOSEPH P [US]
- [A] WO 9309862 A1 19930527 - MEMTEC AMERICA CORP [US]
- [A] US 4539113 A 19850903 - TOMITA KAZUICHI [JP], et al

Citation (examination)

GB 2301784 A 19961218 - CECO FILTERS INC [US]

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WO2004110592A1; JP2006527072A; JP4795232B2

Designated contracting state (EPC)

BE DE FR GB

DOCDB simple family (publication)

**EP 0922477 A1 19990616**; CA 2251151 A1 19990608; US 5948146 A 19990907

DOCDB simple family (application)

**EP 98309377 A 19981116**; CA 2251151 A 19981112; US 98706497 A 19971208